

In the Claims

Please amend claims 1, 9, and 15 as indicated below.

1. (currently amended) A ground connector to use with an associated distribution transformer which comprises:

a one piece base comprising a fixed jaw, a first guide portion and a spade connector defining an opening; and

a one piece movable member comprising a movable jaw, a second guide portion partially defining a receiving cavity, said receiving cavity configured for receiving said first guide portion in sliding engagement in order to guide longitudinal movement of said movable member with respect to said base to form a clamp, said first guide portion and said second guide portion, having a pair of opposing ribs and a pair of opposing channels which cooperate with said ribs; and

securement means that extends through the movable member for securing said base and movable member so that when a cable is received between said fixed jaw and said movable jaw, said jaws are securably clampable against said cable.

2. (original) The ground connector of claim 1, wherein one of said first and second guide portions includes a pair of transversely spaced longitudinally extending ribs.

3. (original) The ground connector of claim 2, wherein the other of said first and second guide portions has a pair of transversely spaced channels dimensioned and configured for sliding engagement with said ribs.

4. (original) The ground connector of claim 3, wherein said first guide portion has ribs and said second guide portion has channels.

5. (original) The ground connector of claim 1, wherein said securement means comprises a first bolt engagable with said movable member and threadably engaged to said base.

6. (original) The ground connector of claim 1, wherein said fixed jaw and said movable jaw are each defined by a pair of intersecting surfaces which extend transversely to the longitudinal movement of said movable member.

7. (original) The ground connector of claim 1, wherein said movable member defines a longitudinal axis, said spade connector defining a plane parallel to said axis.

8. (original) The ground connector of claim 1, wherein said movable member defines a longitudinal axis, said spade connector defining a plane orthogonal to said axis.

9. (previously presented) A ground connector installation comprising:

a distribution transformer, having a generally cylindrical shaped housing and having a ground connecting means;

a one piece base comprising a fixed jaw, a first guide portion, and a spade connector defining an opening;

a one piece movable member comprising a movable jaw, a second guide portion, and a receiving cavity, said receiving cavity at least partially defines the second guide portion, and receives the first guide portion wherein said first guide portion and said second guide portion are configured for sliding engagement to guide longitudinal movement of said movable member with respect to said base to form a clamp, said first guide portion and said second guide portion having a pair of opposing ribs and a pair of opposing channels which cooperate with said ribs; and

securement means that extends through the movable member for securing said base and movable member so that when a cable is received between said fixed jaw and said movable jaw, said jaws are securably clampable against said cable; and

a bolt extending through said opening into said ground connecting means for mounting said base to said transformer.

10. (Original) The installation of claim 9, further comprising a cable secured in said clamp.

11. (original) The installation of claim 10, wherein said cable includes a portion secured in said clamp which portion is tangential to said transformer housing.

12. (previously presented) The ground connector of claim 1, wherein said first guide portion has ribs and said second guide portion has cooperating channels.

13. (original) The installation of claim 9, wherein said ground connecting means is a nut welded to said housing.

14. (previously presented) The ground connector of claim 1, wherein said clamp secures a cable to the ground connector.

15. (previously presented) The ground connector of claim 14, wherein said cable is secured in said clamp in an orientation which is perpendicular to a direction of said longitudinal movement of said movable member with respect to said base.

16. (previously presented) The ground connector installation of claim 9, wherein the fixed jaw and said movable jaw are defined by a pair of intersecting surfaces which extend transversely to the longitudinal movement of said movable member.

17. (previously presented) The ground connector installation of claim 9, wherein said securement means comprises a first bolt engagable with said movable member and threadably engaged to said base.